

Installing Natural Single Point of Development

The following installation guide summarizes the prerequisites and the installation steps that are necessary to create a Natural Single Point of Development environment that uses Natural Studio as a remote development client and the Natural Development Server plug-in as a remote development server for Mainframes running under the operating system OS/390 or under SMARTS on VSE/ESA or UNIX.

The following topics are covered:

- Prerequisites
 - Installation Procedure
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Prerequisites

Products Required or Involved

Detailed information on required or involved Products can be found in the section Prerequisites for Natural Single Point of Development.

Technical Requirements

If you are working in a wide-area network (WAN) environment, please note that the minimum transmission rate must be 10 Mbit or higher.



The speed of a modem or an ISDN connection will be insufficient.

Installation Procedure

Installing the products that make up Natural Single Point of Development comprises the following general installation steps:

- Installing Natural Studio
- Installing Natural for Mainframes
- Installing Natural for UNIX
- Installing the Natural Development Server

Installing Natural Studio

- **General Installation**

Refer to Installing Natural for Windows.

- **Installing the SPoD-Specific Features of Natural Studio**

If you wish to have the SPoD-specific parts of Natural Studio enabled, select the setup type referring to server development (SPoD) in the course of Natural for Windows installation procedure.

Installing Natural for Mainframes

Refer to the relevant section of the Natural for Mainframes Installation Guide:

- Installing Natural under OS/390
- Installing Natural under VSE/ESA

For background information on the automated installation of Software AG products, see also Concepts of System Maintenance Aid in the System Maintenance Aid documentation.

Installing Natural for UNIX

Refer to the Natural for UNIX Installation Guide

Installing the Natural Development Server

Refer to the relevant section of the Natural Development Server installation instructions:

- Installing the Natural Development Server under OS/390 and CICS Adapter, if required
- Installing the Natural Development Server under SMARTS on VSE/ESA and CICS Adapter, if required
- Installing the Natural Development Server under UNIX

Defining a Natural Development Server File

The Natural Development Server File is used as a central dictionary file for storing Natural applications and the links to objects making up an application. It also holds object locking information. This information is not bound to certain groups of application developers, but has an impact on the entire application development of an enterprise. Therefore, this file should be available only once, to ensure that the application definitions and locking states are kept consistent.

To ensure the use of one single Natural development file

1. Set the NTDYNP parameter in the default Natural parameter module NATPARM to OFF:
 - Specify NTDYNP OFF, if you want to disallow overwriting off all dynamic parameters
 - or specify NTDYNP OFF , FDIC, if you want to disallow overwriting of the Natural development server file only.
2. Disallow any changes to profiles by the end user.